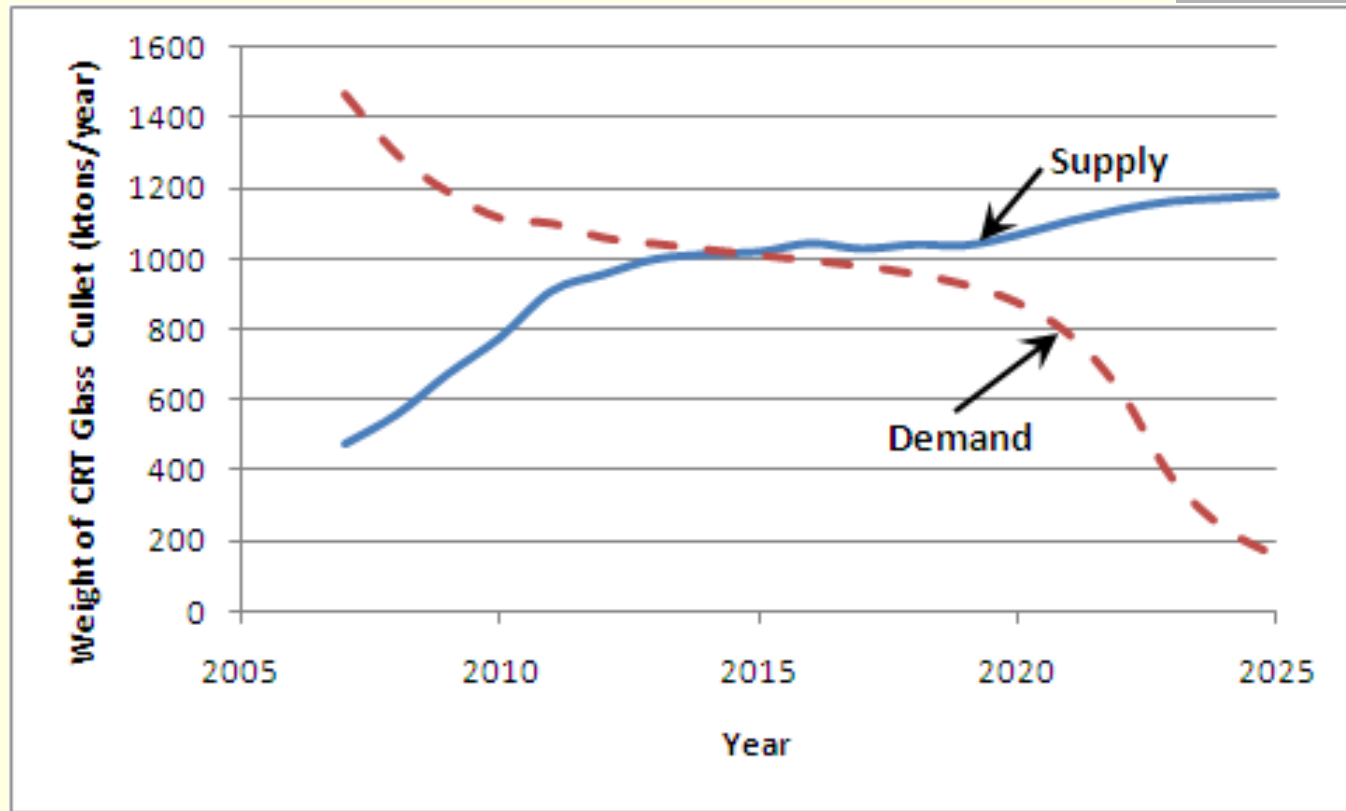




Incentives to Recycle CRT Glass in the Proposed Regulations

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The CRT Glass Market



Gregory, J.; Nadeau, M.; Kirchain, R. Evaluating the Economic Viability of a Material Recovery System: The Case of Cathode Ray Tube Glass. *Environ. Sci. Technol.* 2009 43, 9245–9251.

Priority:

- Ensure that management of hazardous waste CRT glass is safe and compliant

Existing framework...

- California's Hazardous Waste Control Law and implementing regulations provide an existing framework for managing hazardous waste in ways that protect public health and the environment

Conditions for disposal of non-RCRA glass (e.g., panel)

- Hazardous waste only due to TTLC
- Waste analysis plan
 - Requires sampling and lab analysis of glass

DTSC's proposed regulations...

- Give handlers the option to manage CRT glass under the existing HW framework

Incentives to recycle built into the statutes and regulations

- Exemptions
- Exclusions
- Disposal fees
- Etc.

Try recycling first...

- For disposal: justification as to why disposal was selected



When recycling isn't feasible...

- The hazardous waste statutes and regulations provide for safe disposal:
 - Landfill permit conditions:
 - Liners
 - Groundwater monitoring
 - Etc.
 - Land disposal restrictions (LDRs)

For solid waste disposal of CRT glass (e.g., panel)...

- Health and Safety Code section 25141.5(b)(3) has very limited applicability
- Our proposal contains conditions to ensure the handler/recycler meets (and documents that it meets) the conditions

“Other forms of recycling”

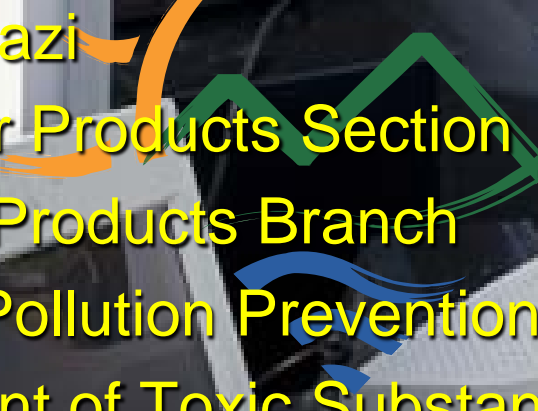
- Default: hazardous waste generator requirements
 - EPA ID number, manifest, registered transporter, etc.
- Excluded or exempted recycling:
 - Generator requirements may not apply

From annual report data...

- DTSC will consider adding additional recycling destinations to UW regulations
- This would allow them to manage the glass as a universal waste handler (vs. as HWG) and transport it as a universal waste transporter



Thank you...



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